Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 17 Jan 2022 until 23:59 on Tuesday 18 Jan 2022

Forecast Issued on Sunday 16 Jan 2022 at 13:03

Confidence: High for largely settled, also for fronts crossing from the northwest later Tuesday and early Wednesday, but lower confidence for detail of worst of frontal weather.

Headline for Monday 17 Jan 2022: Largely dry with occasional bright and sunny spells. Light winds.

Mountain weather hazards on Monday 17 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	10%	10%	<05%	<05%	<05%

Forecast for Monday 17 Jan 2022

Weather: A dry day for the majority with occasional bright and sunny spells. However cloud may thicken to bring some patchy light rain at times, chiefly late morning and early afternoon. Also a chance of some mist and fog patches forming around the foothills through to early morning Monday and again by late evening.

Chance of cloud free mountain/hill tops above 600m: 80%.

Visibility: Generally good or very good, briefly moderate or poor in patchy rain, also very poor in cloud which infrequently lowers 500m, also very poor in the foothill fog.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 17 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 W	13/17 SW	11/16 SW	11/15 SW	9/13 W	7/11 W	6/11 W	8/12 SW	13/17 SW
300	9/13 W	8/12 SW	8/12 SW	6/10 SW	5/8 NW	4/7 NW	4/6 S	4/6 S	5/8 SW
Valley	3/9 SW	3/9 S	3/7 S	3/6 S	3/7 W	2/6 W	3/4 SE	2/4 SE	3/7 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-3	2/-4	2/-2	2/-3	3/-0	4/1	4/2	4/1	4/-1
300	2/-1	2/-1	3/-1	3/0	4/2	4/3	3/2	3/1	3/1
Valley	1/-1	1/-1	2/-0	3/1	4/3	5/4	2/1	1/0	2/0
Freezing Level*	1000m	1300m	1300m	1300m	1300m	1300m	1300m	1400m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Significant wind chill effect at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 16 Jan 2022	0.8mm	0.8mm	0.8mm

Forecast for Tuesday 18 Jan 2022

Weather: Some early mist and fog patches around the foothills. Otherwise a fine, dry start to Tuesday with sunshine quite widespread. Cloud gradually thickening and lowering from the northwest from early afternoon, with occasional rain expected for the evening.

Maximum wind: Southwest increasing to mean 15-20mph from late morning with gusts 30mph across most exposed ridges and summits

Chance of cloud free mountain/hill tops above 600m: 90% lowering 20% by late evening.

Visibility: Generally good or very good, becoming moderate or poor in later rain, very poor in cloud which becomes increasingly widespread later in the day, also in the early foothill fog.

Temperature: **Valleys:** Minus 3 Celsius rising plus 9 Celsius during the afternoon
At 600m: Plus 1-3 Celsius
Freezing level: 1000-1200m

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